

Lyophilization Cycle

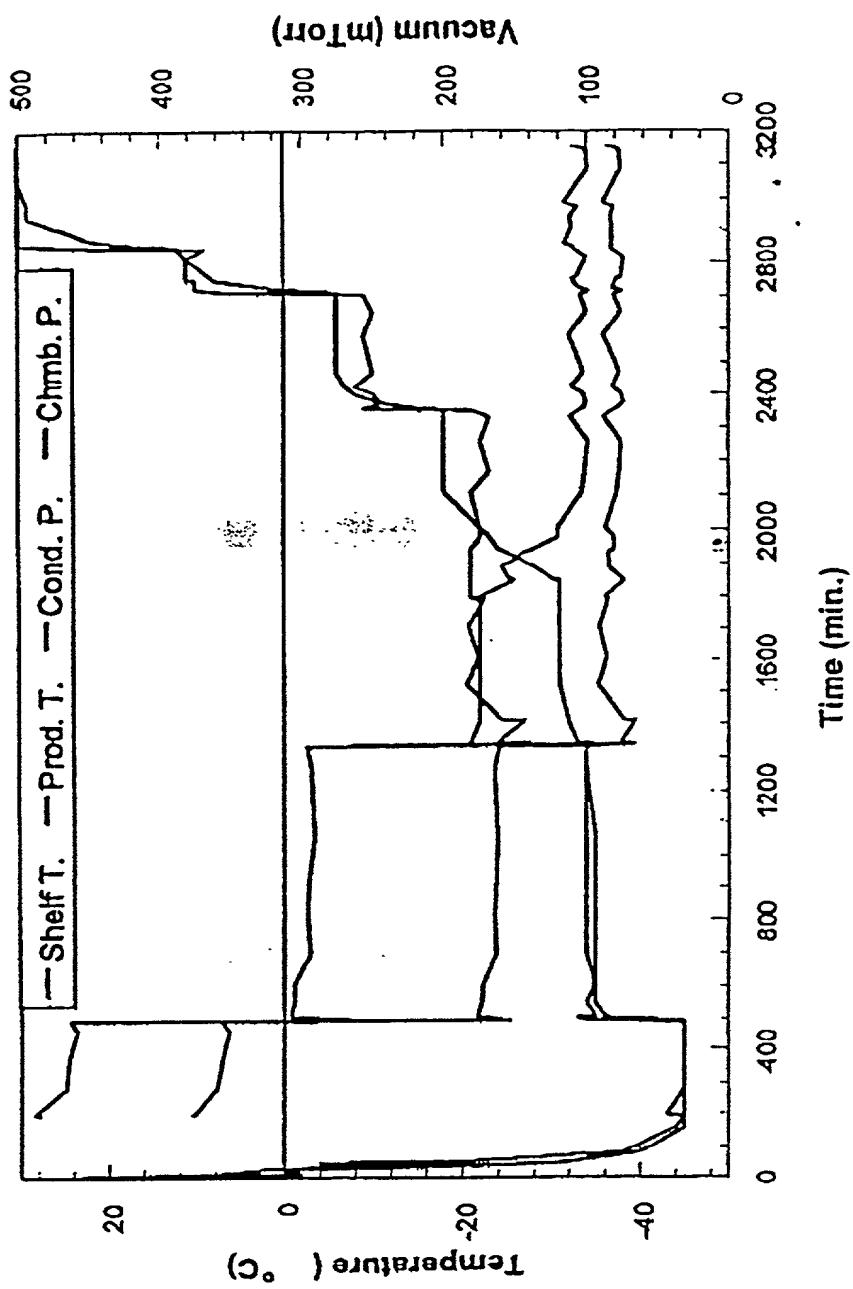
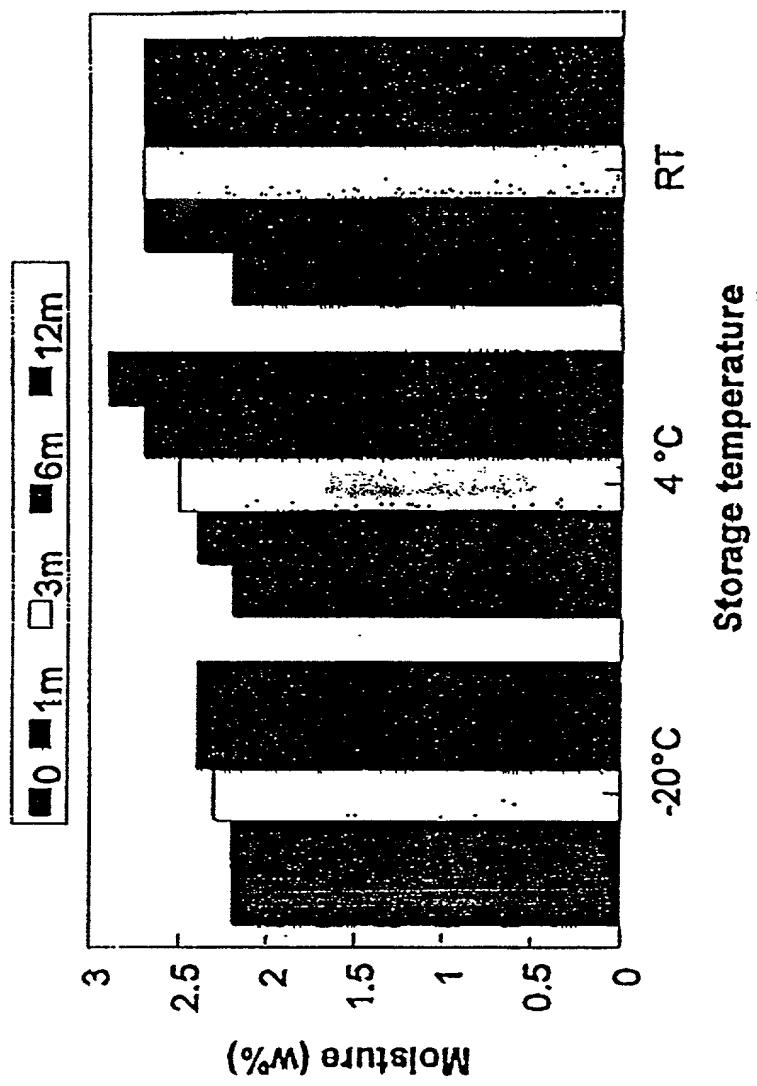


FIG. 1

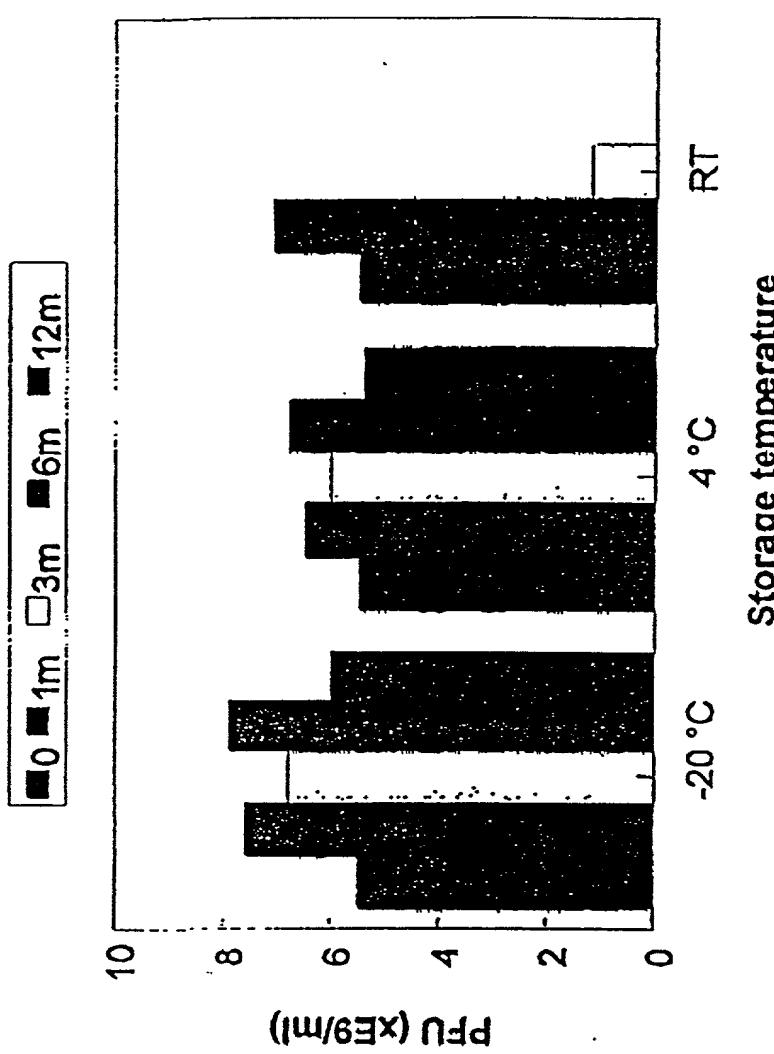
Residual Moisture of Lyophilized Adenoviral Vector during Storage



Secondary drying at 10°C

FIG. 2

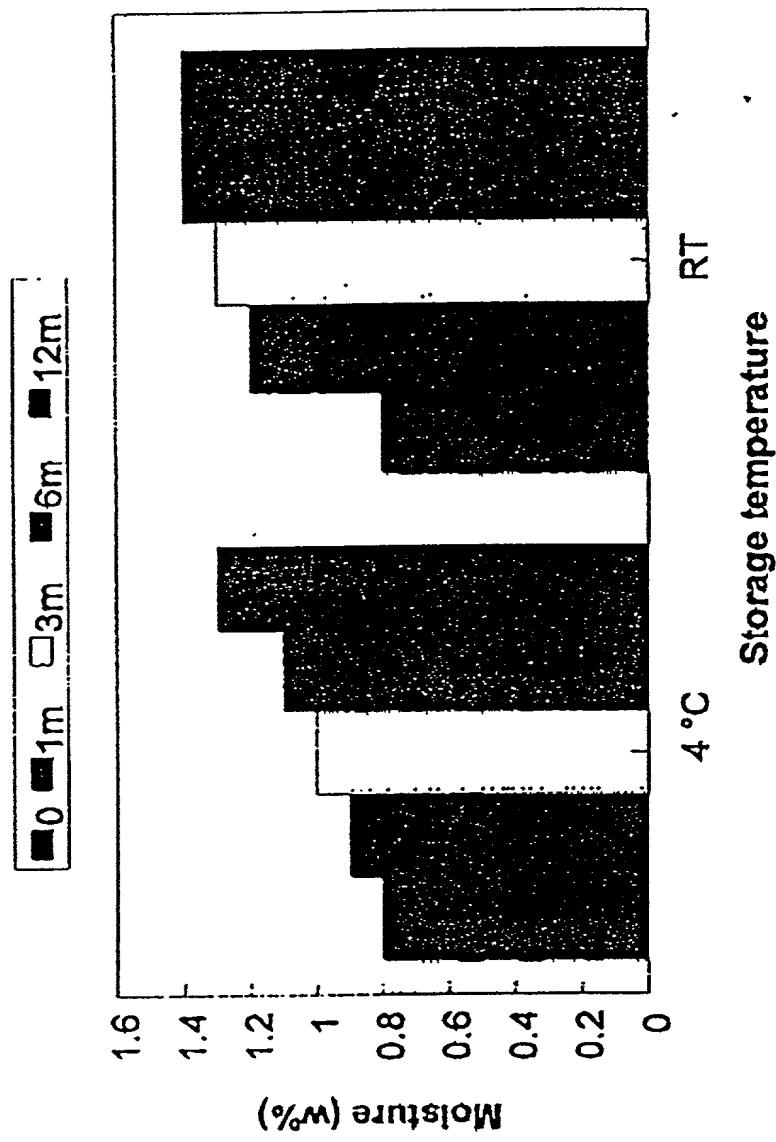
Stability of Lyophilized Adenoviral Vector during Storage



Secondary drying at 10°C

FIG. 3

Residual Moisture of Lyophilized Adenoviral Vector during Storage



Secondary drying, at 30°C

FIG. 4

Stability of Lyophilized Adenoviral Vector during Storage

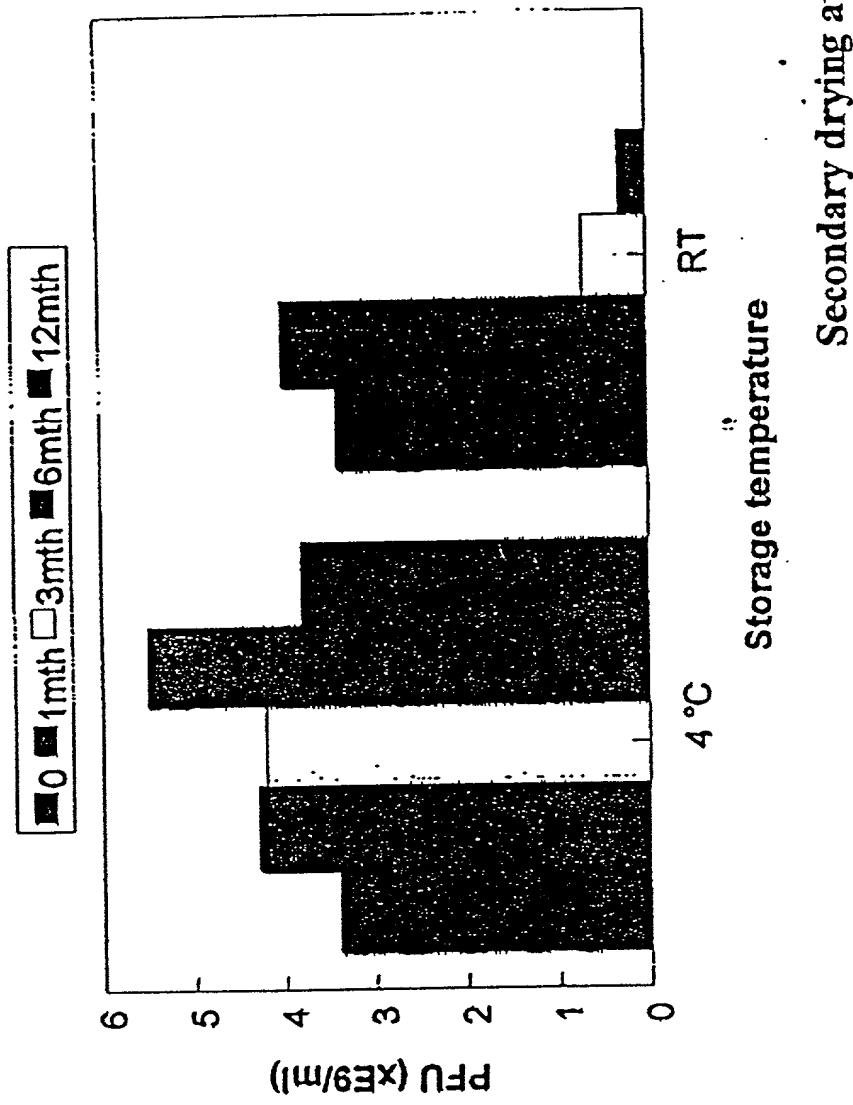


FIG. 5

HPLC Analysis of Lyophilized Adenoviral Vector Stored at RT

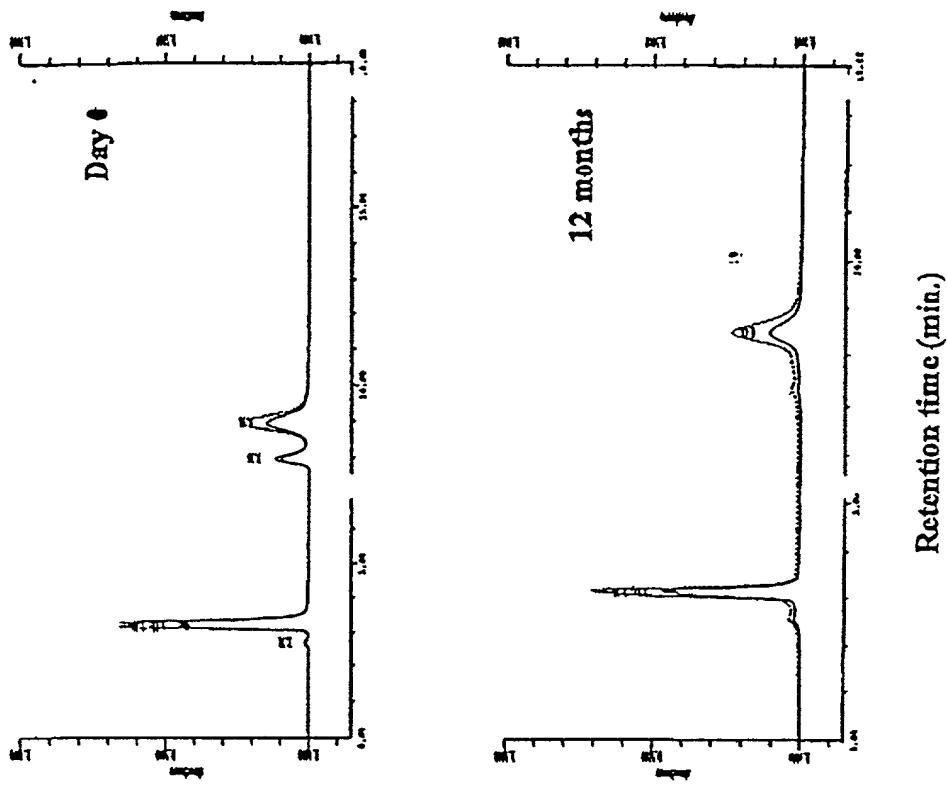
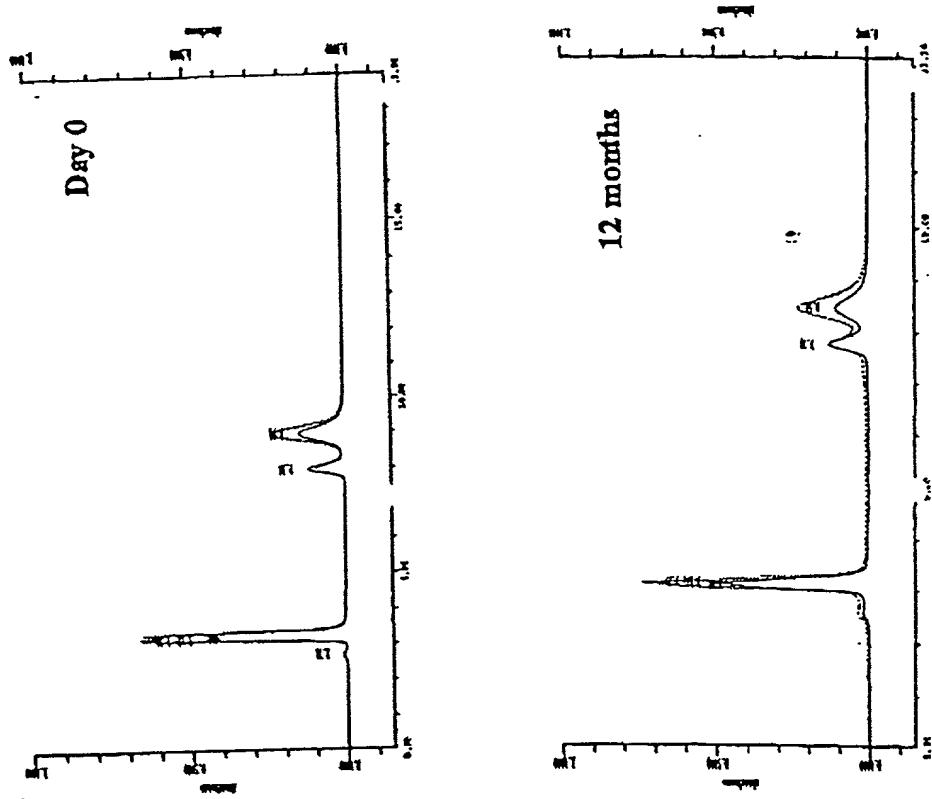


FIG. 6

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HPLC Analysis of Lyophilized Adenoviral Vector Stored at 4°C



Retention time (min.)

FIG. 7

HPLC Analysis of Lyophilized Adenoviral Vector Stored at -20°C

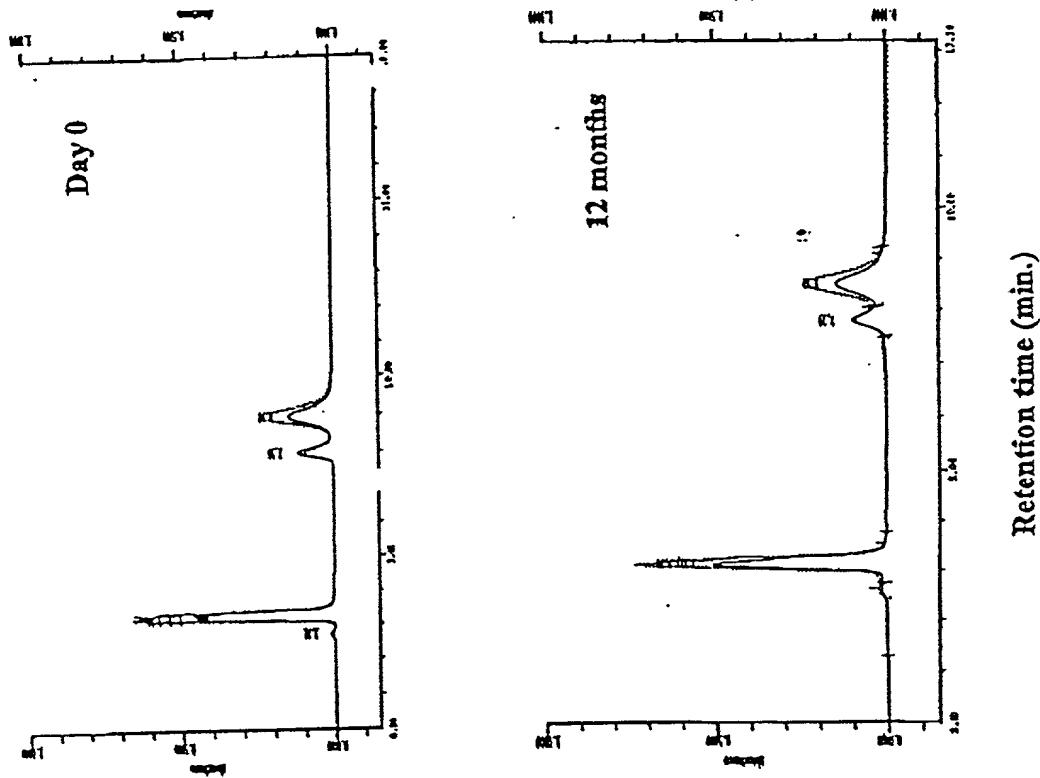
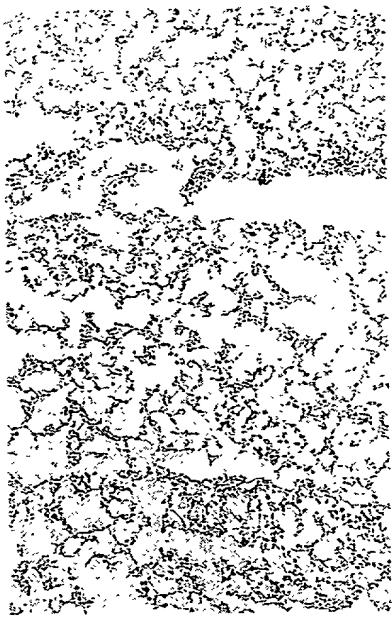
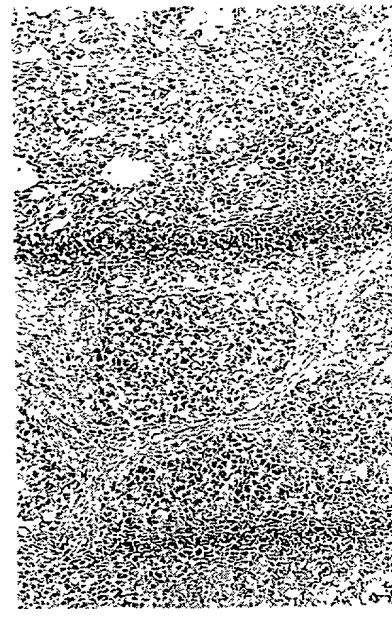


FIG. 8

Ad- β gal in PBS/glycerol

Tumor periphery

Tumor Center



Ad- β gal in PBS/glycerol + 5% DMSO



Injection 2×10^{10} vp

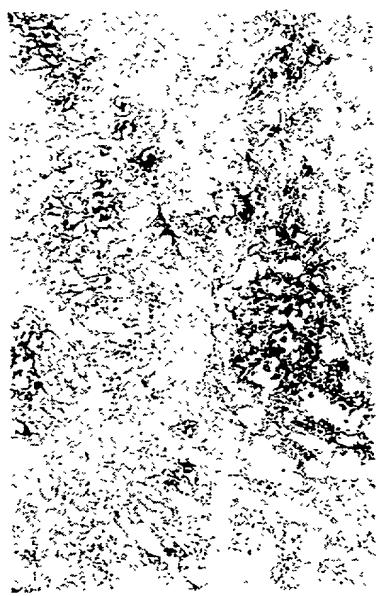
Fig. 9A

Ad- β gal in PBS/glycerol

Tumor periphery Tumor Center



Ad- β gal in PBS/glycerol + 5% DMSO



Injection 2×10^{10} vp